

Detailed Facility Report

Facility Summary

**DOVETAIL ENERGY LLC - ANAEROBIC
DIGESTION FACILITY
1146 HERR RD, FAIRBORN, OH 45324**

FRS (Facility Registry Service) ID:

110059711432

EPA Region: 05

Latitude: 39.80824

Longitude: -83.96779

Locational Data Source: FRS

Industries:

Indian Country: N

Enforcement and Compliance Summary

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs with NC (Noncompliance) (of 12)	Qtrs with Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
CWA	2	08/20/2021	Violation Identified	12	9	3	--	--	--	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Minor, Permit Expired (OH0141411)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Known Data Problems

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110059711432					N	39.80824	-83.96779
ICIS-NPDES	CWA	OH0141411	Minor: NPDES Individual Permit	Expired		03/31/2019	N	39.811667	-83.968611

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110059711432	DOVETAIL ENERGY LLC - ANAEROBIC DIGESTION FACILITY	1146 HERR RD, FAIRBORN, OH 45324	
ICIS-NPDES	CWA	OH0141411	DOVETAIL ENERGY LLC - ANAEROBIC DIGESTION FACILITY	1146 HERR RD, FAIRBORN, OH 45324	Greene County

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	OH0141411	1542	Nonresidential Construction
NPDES	OH0141411	1542	Nonresidential Construction

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
No data records returned		

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CWA	OH0141411	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	08/20/2021	
CWA	OH0141411	ICIS-NPDES	Inspection/Evaluation	Base Program - Reconnaissance without Sampling	State	04/19/2021	

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	OH0141411	No	06/30/2021	12	10/15/2021

Three-Year Compliance History by Quarter

[illegible]

Statute/	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
	Counts of Late DMR Measurements										63			
	Counts of Missing DMR Measurements	6	6	6	6			6	4	2	4	28	4	2

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
CWA	ICIS-NPDES	OH0141411	Base Program - Letter of Violation/ Warning Letter	State	08/09/2019
CWA	ICIS-NPDES	OH0141411	Base Program - Letter of Violation/ Warning Letter	State	07/14/2018
CWA	ICIS-NPDES	OH0141411	Base Program - Letter of Violation/ Warning Letter	State	12/06/2016

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Cost	Comp Action Cost
No data records returned															

Environmental Conditions

Watershed(s)

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
050800011903	Huffman Dam-Mad River	STORAGE LAGOON	No	No	Fecal coliform	Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
OH	2020	OH050800011903	Huffman Dam-Mad River	Impaired - 303(d) Listed	PATHOGENS		Insufficient Information	Not Assessed	Not Supporting	

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	No		Yes	1-Hour Ozone (1979)
Lead	No		No	
Particulate Matter	No		Yes	PM-2.5 (1997)
Carbon Monoxide	No		No	

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Sulfur Dioxide	No		No	

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
No data records returned								

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

Community

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

Census Block Group EJ Indexes (percentile)	
Particulate Matter (PM 2.5)	9.4
Ozone	10.3
NATA Diesel PM	16.5
NATA Air Toxics Cancer Risk	14.5
NATA Respiratory Hazard Index (HI)	15.4

Number of EJ Indexes Above 80th Percentile
0

[View EJSCREEN Report](#)

Census Block Group EJ Indexes (percentile)	
Traffic Proximity	49
Lead Paint Indicator	34.6
National Priority List (NPL) Site Proximity	9.1
Risk Management Plan (RMP) Site Proximity	17.8
Hazardous Waste Proximity	32.3
Wastewater Discharge Proximity	73.4

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2014 - 2018 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA’s spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics	
Total Persons (U.S. Census)	16,795
Population Density	595/sq.mi.
Percent People of Color	13%
Households in Area	7,637
Housing Units in Area	7,659
Total Persons (ACS (American Community Survey))	17,886
Households on Public Assistance	248
Persons With Low Income	5,357
Percent With Low Income	30%

Geography	
Radius of Selected Area	3 mi.
Center Latitude	39.80824
Center Longitude	-83.96779
Land Area	100%
Water Area	0%

Income Breakdown - Households (%)	
-----------------------------------	--

Age Breakdown - Persons (%)	
Children 5 years and younger	1,050 (6%)
Minors 17 years and younger	3,581 (21%)
Adults 18 years and older	13,214 (79%)
Seniors 65 years and older	2,775 (17%)

Race Breakdown - Persons (%)	
White	15,131 (90%)
African-American	741 (4%)
Hispanic-Origin	314 (2%)
Asian/Pacific Islander	359 (2%)
American Indian	53 (0%)
Other/Multiracial	511 (3%)

Education Level (Persons 25 & older) - Persons (%)	
Less than 9th Grade	422 (3.25%)
9th through 12th Grade	775 (5.97%)
High School Diploma	2,827 (21.76%)
Some College/2-year	4,627 (35.62%)

Income Breakdown - Households (%)	
Less than \$15,000	708 (9.27%)
\$15,000 - \$25,000	625 (8.18%)
\$25,000 - \$50,000	1,648 (21.58%)
\$50,000 - \$75,000	1,566 (20.51%)
Greater than \$75,000	3,090 (40.46%)

Education Level (Persons 25 & older) - Persons (%)	
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	4,343 (33.43%)